
AIRS Data Availability

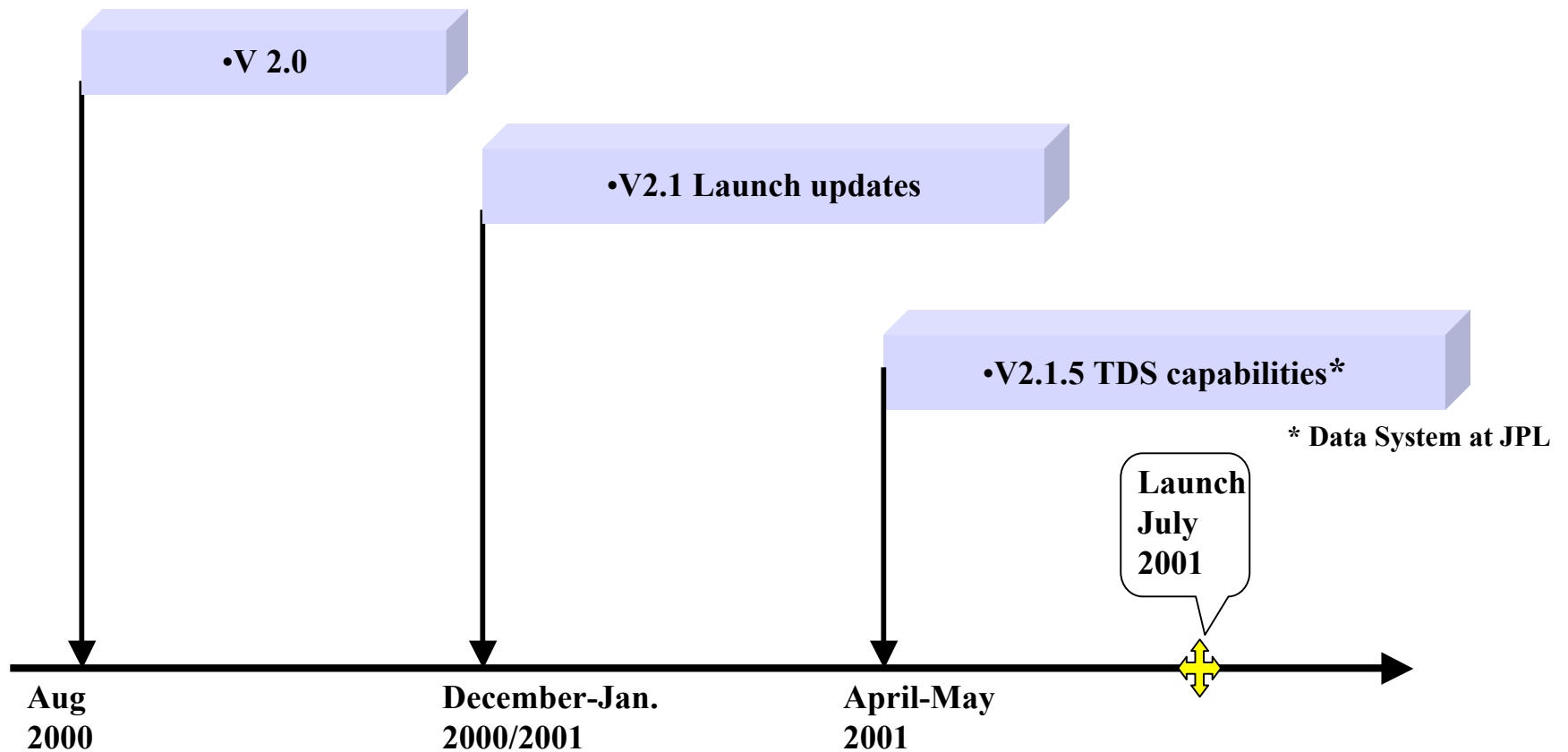
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(818)354-1373

Agenda

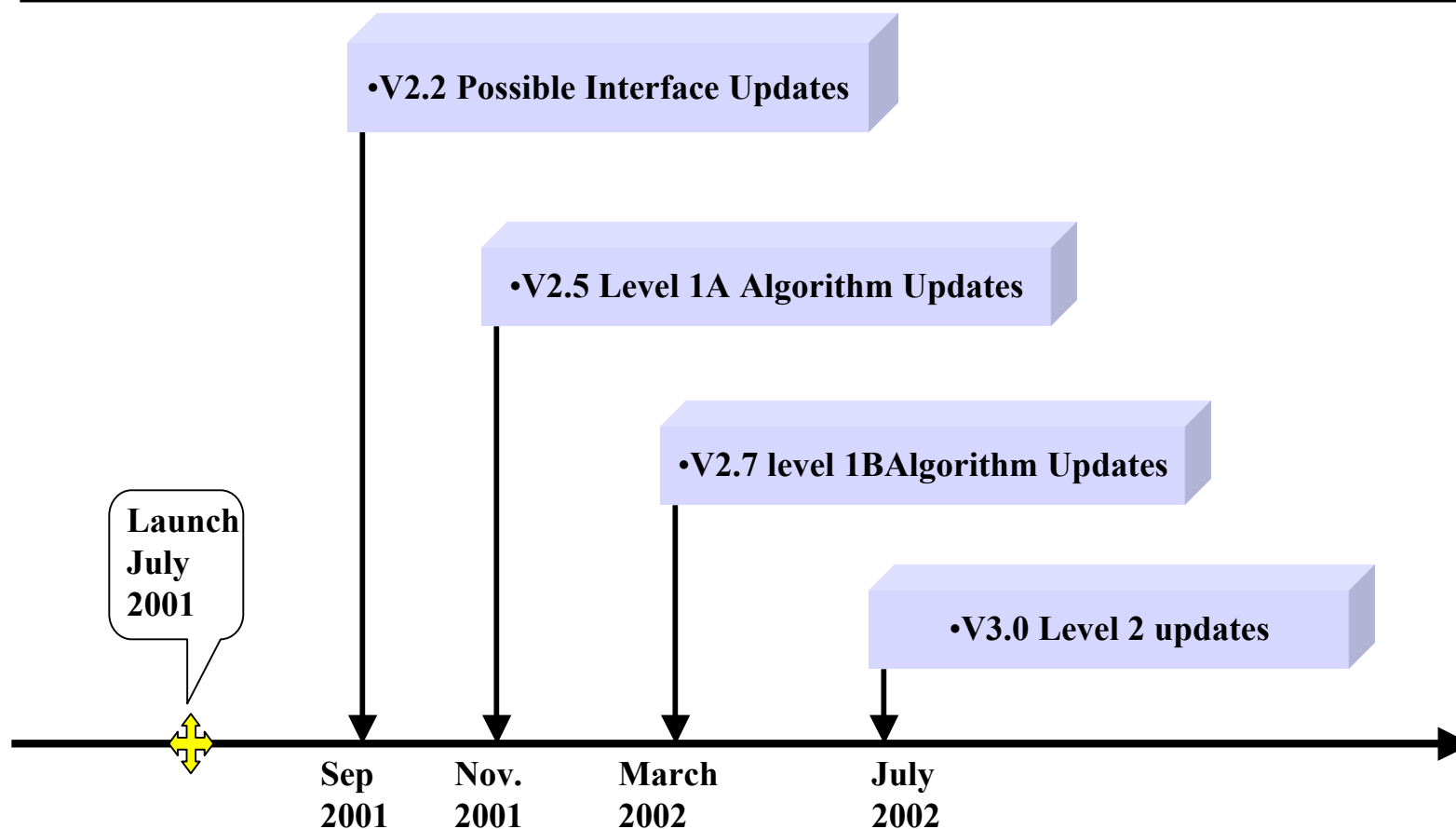


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- Software Delivery Schedule
 - Data Availability at GSFC DAAC
 - Processing/Interfaces
 - Performance Requirements
 - Data availability at JPL TLSCF
 - Processing Facility
 - Processing/Interfaces

Pre Launch Schedule

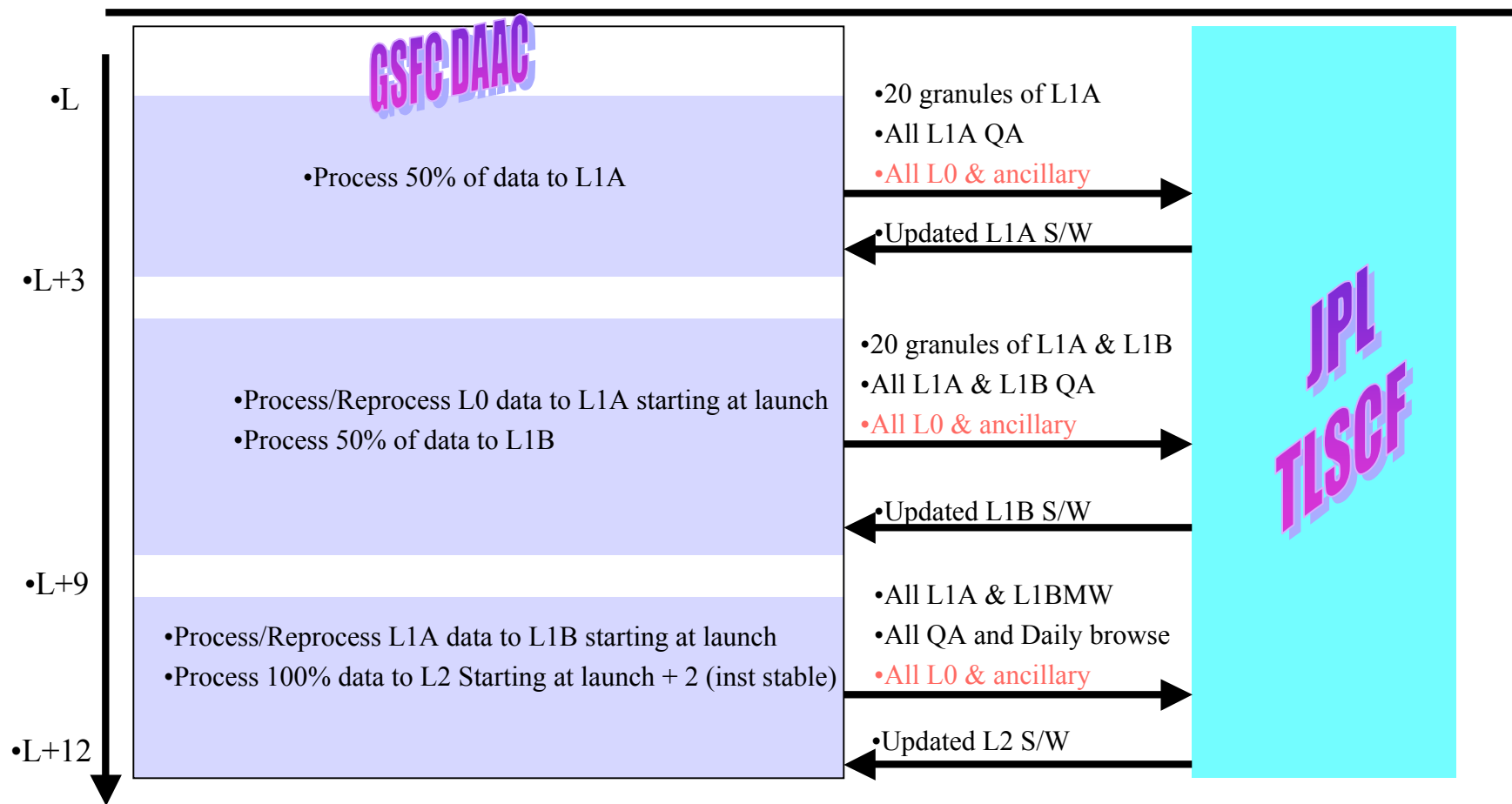


Post Launch Schedule



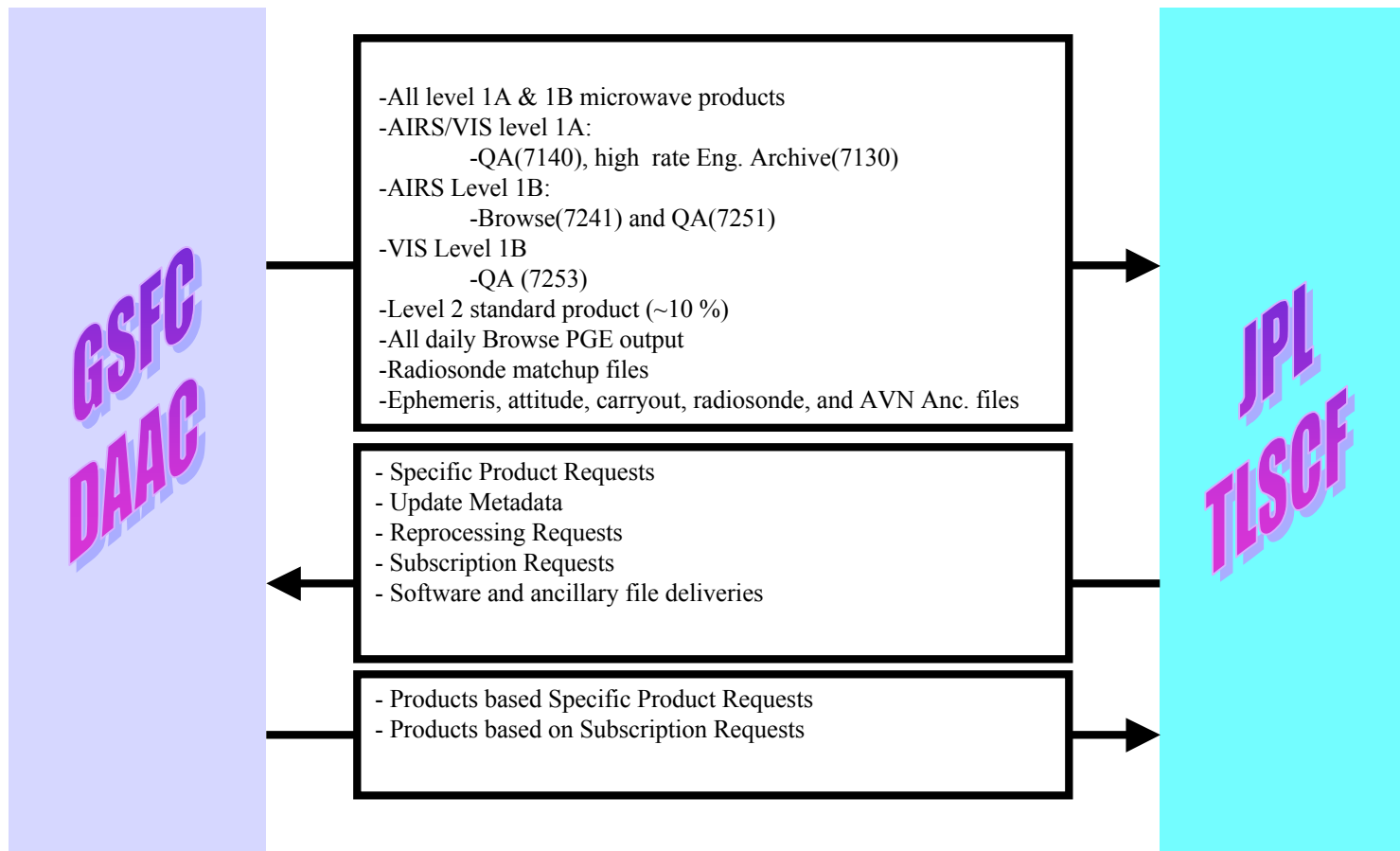
GSFC-JPL Interfaces

Launch to Launch+12



GSFC-JPL Interfaces

Launch + 12 to EOM



Resource Requirements at GSFC DAAC



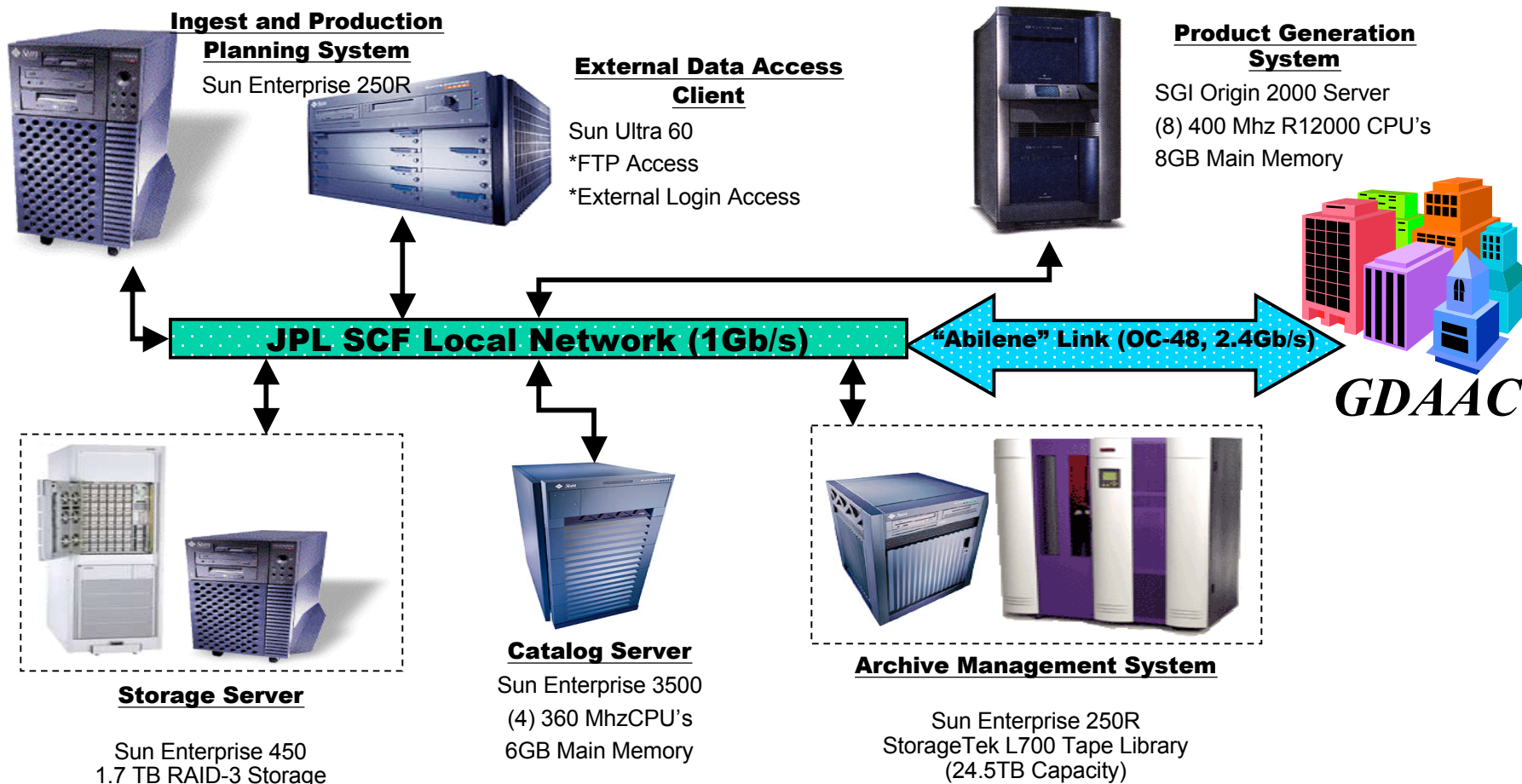
	L	L+3M	L+9M	L+12M	EOM
Amount of data sent to TLSCF (GB/day)	15.8	19.5		6.5	
No. of files sent to TLSCF/day	510	850		2500	
CPUs Required	1	1		7	
PGE Activations/day	18	46		332	

December 6, 2000

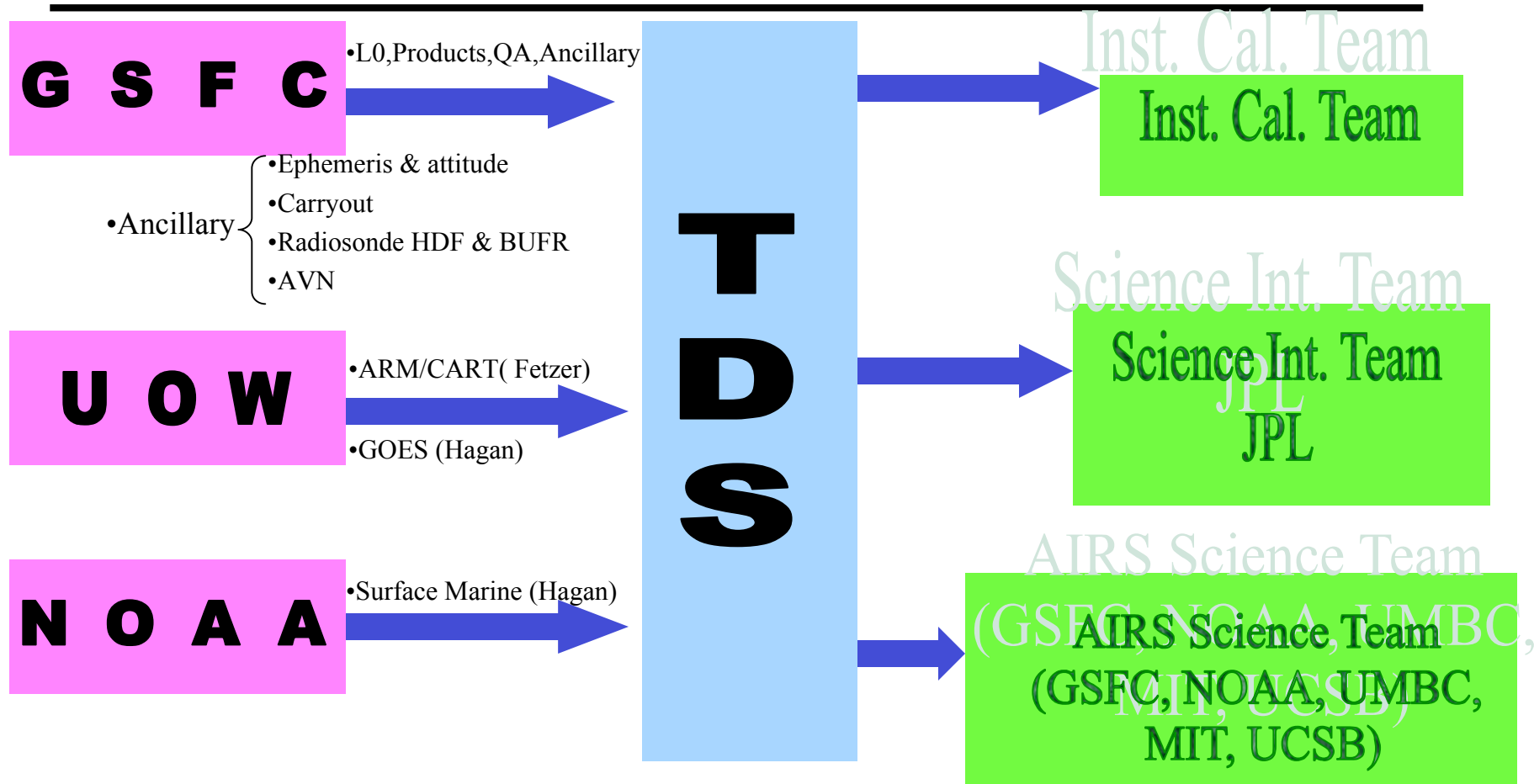
AIRS Data Availability

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Processing Facility at JPL

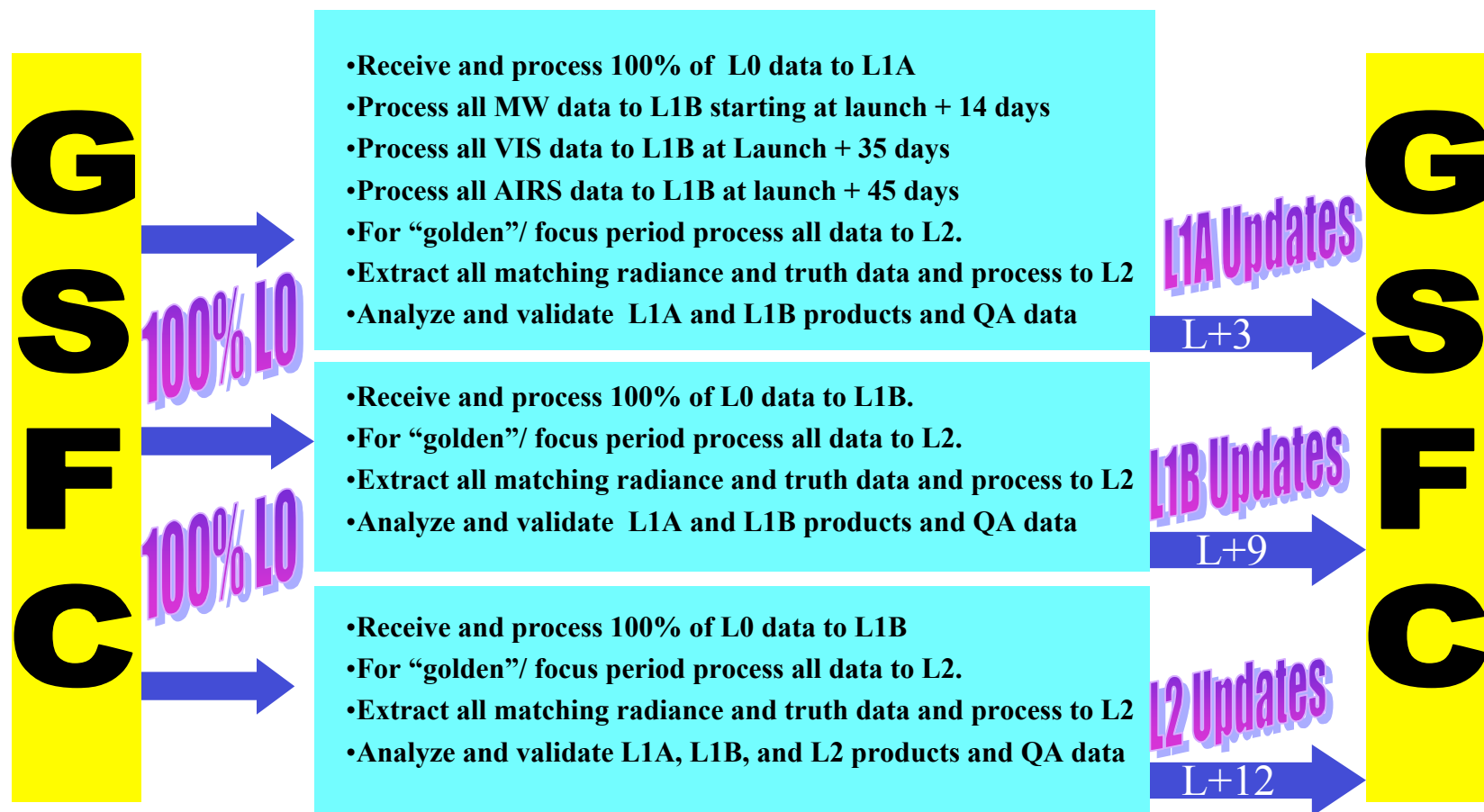


TDS Interfaces

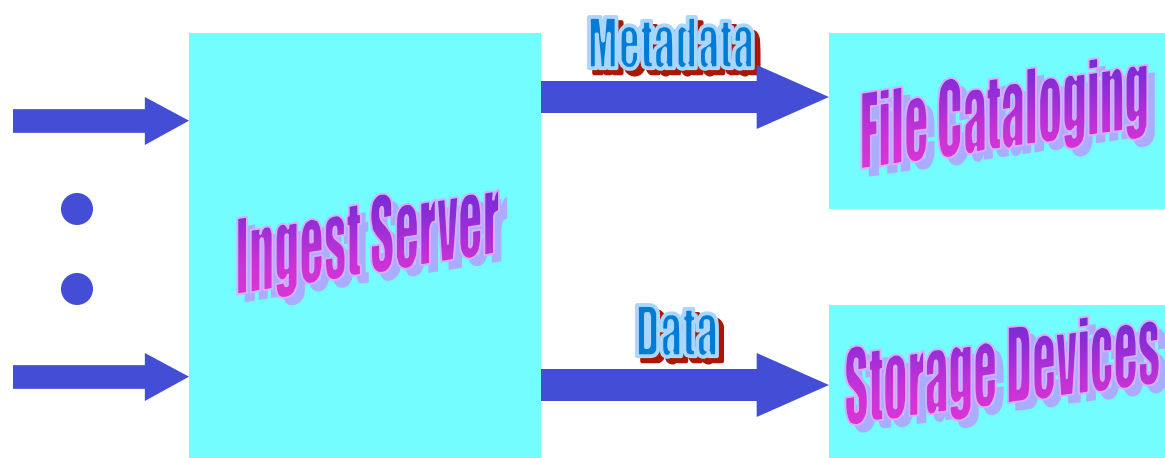


TDS Processing Policy/Activities

Launch to launch + 12

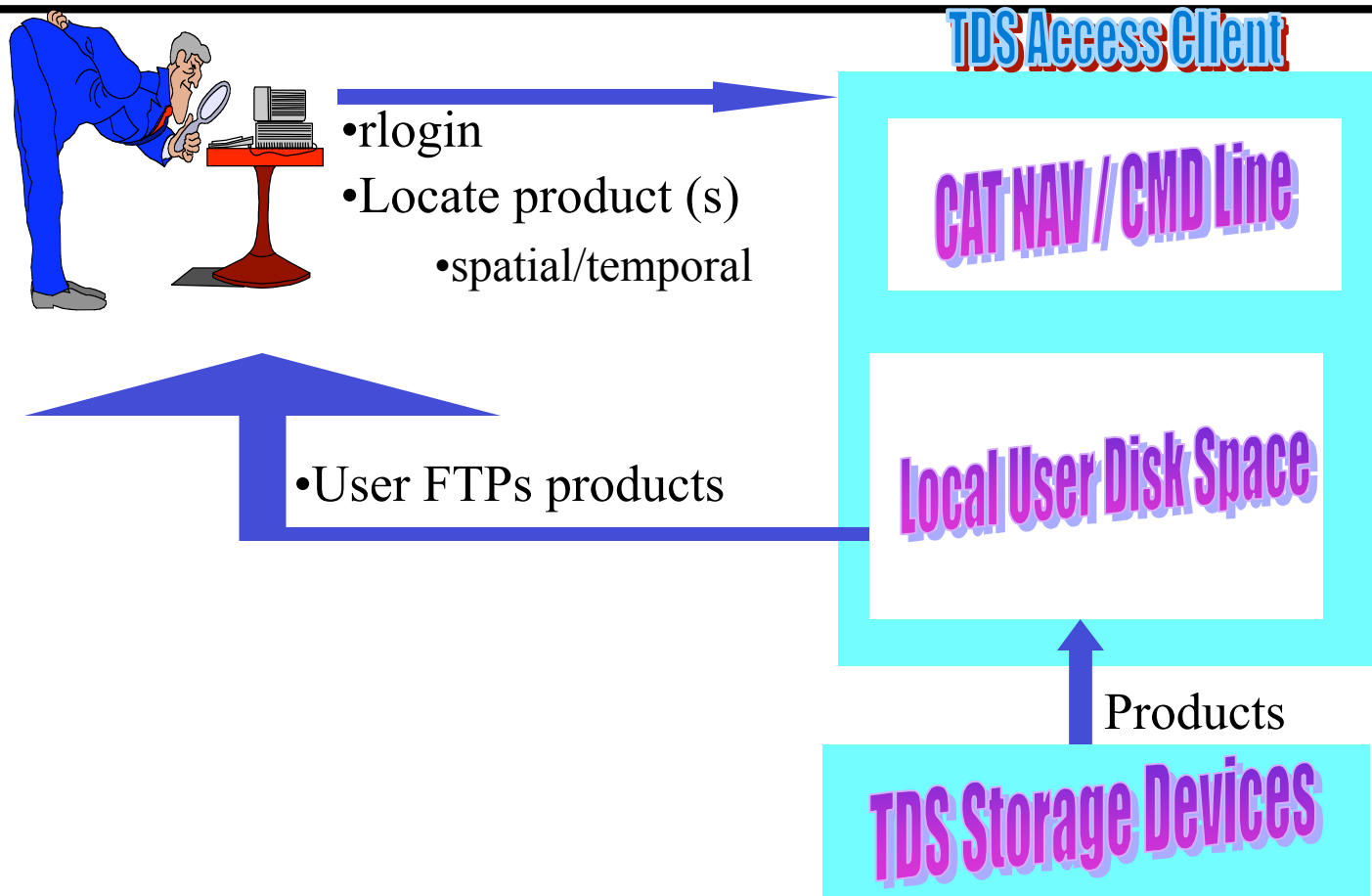


Data Ingest & Archive

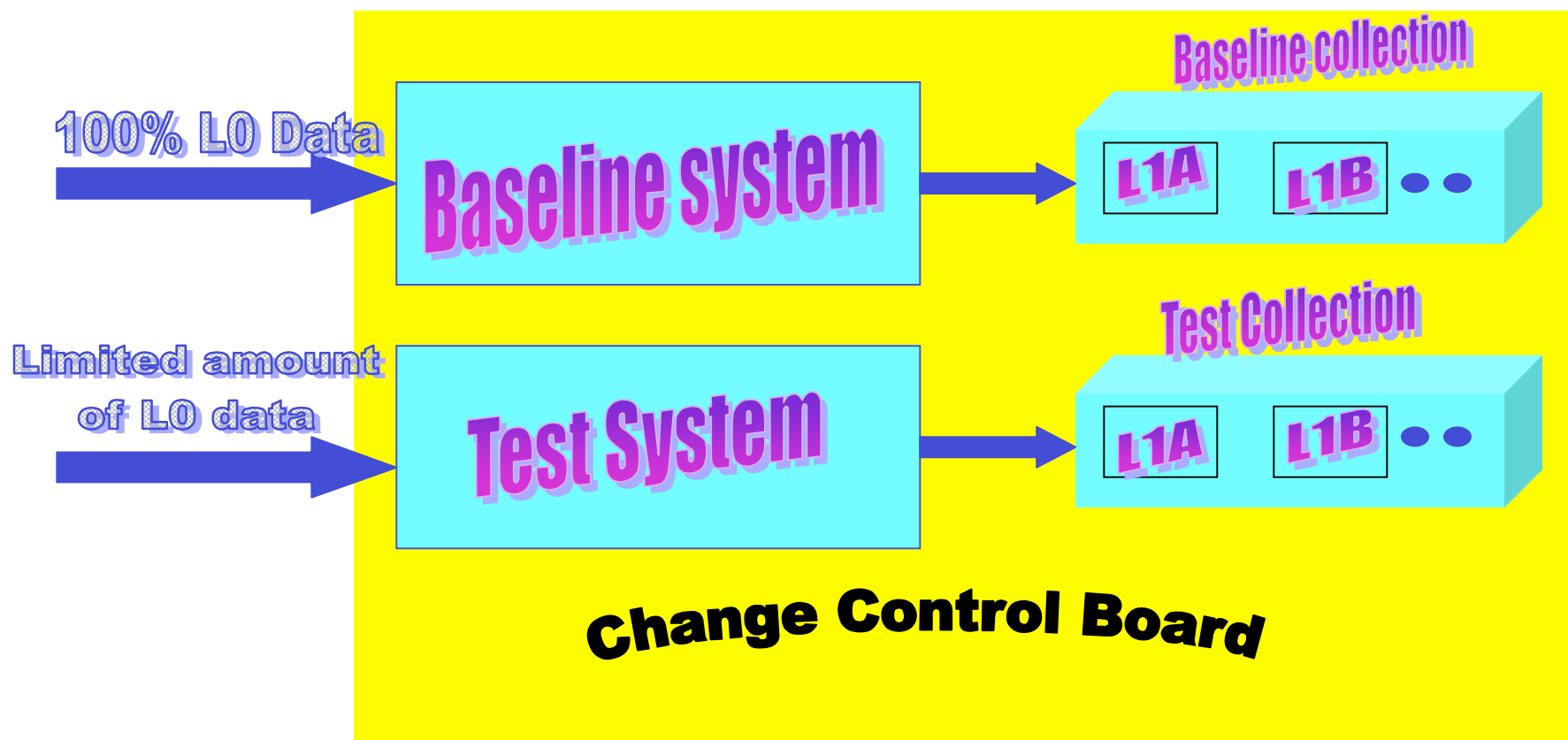


- 100% level 0 data (~ 13 GB/day), Fraction of L1A, L1B, L2 Product, and all QA (~ 4-5 GB/day)
- Ephemeris & attitude 14files/day (~8 MB)
- Carryout 12 files/day (~48 MB)
- Radiosonde HDF & BUFR 8 files/day (~90 MB), NOAA Surface Marine Reports 8 files/day (Denise Hagan),
 - ARM CART 6 files/day (~30 MB).
- AVN 12 files/day (~900 MB)
- GOES (Denise Hagan)

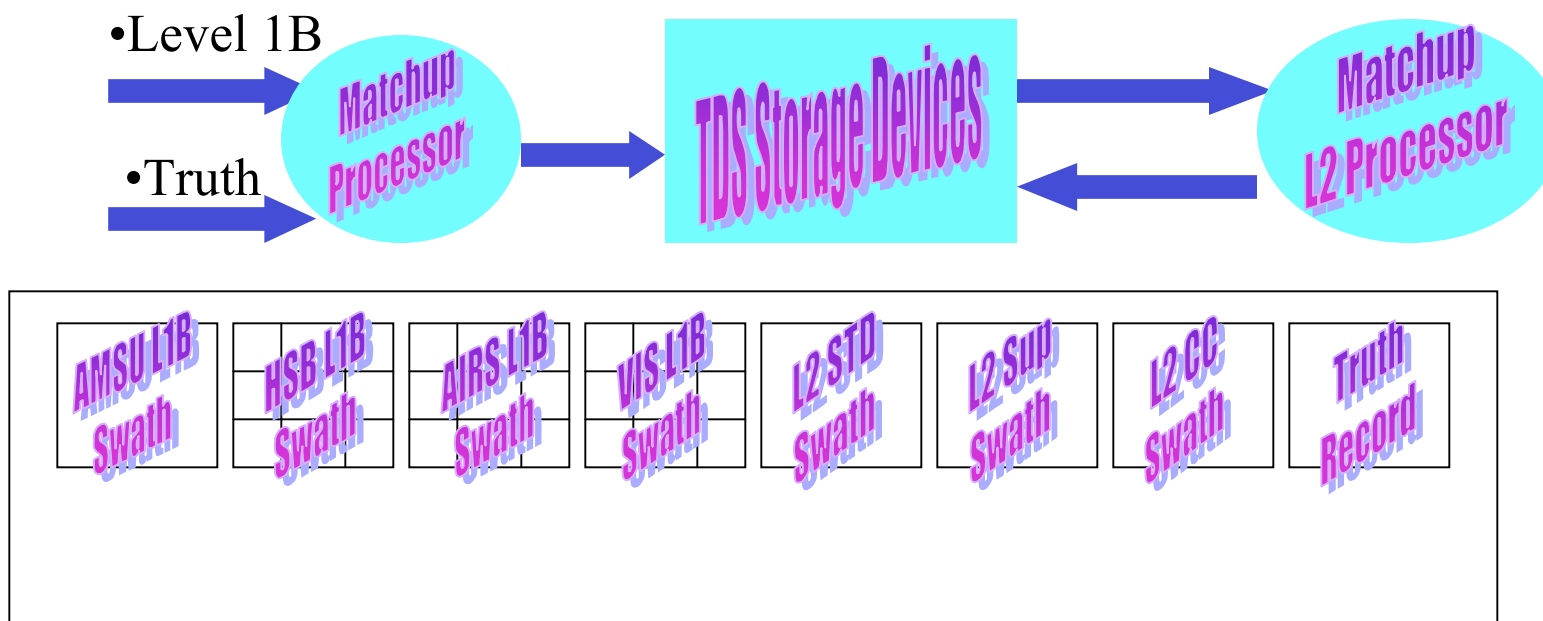
Data Retrieval



Routine Processing



Matchup Processing



- Level 1B radiances (Golf Balls) are selected based on time/location “window” of each truth record within each truth file.
- In addition to matched up level 1B radiances, the matchup file identifies the truth file and the truth record(s) for each matched up golf ball.

Reprocessing

